

## SECTION III: DEPARTMENT OF FORESTRY

RCS		2023–2024 NATURAL RESOURCE AND ENVIRONMENTAL CONSERVATION MAJOR Resource Conservation Science Concentration (Sample Schedule) Total Hours = 124		<i>effective Fall 2023</i>
<b>FRESHMAN YEAR</b>				
Fall Semester		Spring Semester		
CH 1213	Chemistry I (C in MA 1313 or ACT math subscore 24)	CH 1223	Chemistry II (C in CH 1213)	
CH 1211	Investigations in Chemistry I	CH 1221	Investigations in Chemistry II (C in CH 1211)	
SO 1003	Introduction to Sociology	EN 1113	En Composition II (EN1103)	
EN 1103	English Comp. I (ACT English subscore 17)	<b>FO 3103</b>	<b>Computer Appl For Resources</b>	
<b>NREC 1102</b>	<b>Survey of Natural Resource Management</b>	MA 1613	Calc for Bus and Life Sci (C in MA 1313 or ACT math subscore 24)	
	Free Elective (3)			
			Communication Elective (3)	
<b>SOPHOMORE YEAR</b>				
Fall Semester		Spring Semester		
BIO 1134	Biology I	BIO 1144	Biology II	
PHI 1123	Intro to Ethics	GR 1113	Physical Geography	
PSS 3303	Soils (CH 1213)	LA 1803	Landscape Architecture Appreciation	
PSS 3301	Soils Lab	<b>NREC 3213</b>	<b>Environmental Measurements (ST 2113)</b>	
ST 2113	Intro to Stats (C in MA 1313 or MA 1213 or ACT math subscore 24)		Professional Elective (3)	
	Professional Elective (3)			
<b>JUNIOR YEAR</b>				
Fall Semester		Spring Semester		
AEC 2713	Intro to Food and Res Economics	GR 2313	Maps and Remote Sensing	
<b>NREC 3113</b>	<b>Forest Recreation Mgt.</b>	<b>FO 2113</b>	<b>Dendrology (BIO 1144 or 2113)</b>	
NREC 4463	Forest Hydro & Watershed Mgt. (PSS 3303, FO 4123) (FA-Odd)	<b>FO 4213</b>	<b>Forest Biometrics (ST 2113, FO 2213 or NREC 3213)</b>	
	Technical Writing Elective (3)	<b>NREC 4353</b>	<b>Natural Resource Law (JR)</b>	
	Professional Elective (3)		Professional Elective (3)	
<b>SENIOR YEAR</b>				
Fall Semester		Spring Semester		
FO 4483	Forest Soils (PSS 3303, FO 4123) (FA-Even)	<b>NREC 4413</b>	<b>Natural Resource Policy (SR)</b>	
<b>NREC 4313</b>	<b>Spatial Tech. in Nat. Res.</b> (GR 2313)	<b>NREC 4423</b>	<b>Environmental Assessments (SR)</b>	
<b>FO 4343</b>	<b>Forest Admin. and Organization (JR)</b> (FA-Even)		Humanities Elective (3)	
	Ecology Elective (3)		Professional Elective (3)	
	Professional Elective (3)		Free Elective (3)	

**NREC major required courses requiring a C or better or bolded.**

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### 2023–2024 APPROVED ELECTIVE LIST Resource Conservation Science Concentration

HUMANITIES ELECTIVES (MUST SATISFY MSU GENERAL EDUCATION) (3 HOURS)		PROFESSIONAL ELECTIVES (18 HOURS)	
AAS 1063	Introduction to African American Studies	CH 4303	Environmental Chem (C in CH 1223)
AAS 2363	Introduction to African American Literature	CFR 1101	Ambassador Lead Dev (up to 3 hrs)
AAS 3013/3023	African American History	ENS 2103	Intro Environ Science
ARC 2313/3313	History of Architecture I or II	ENS 2101	Intro Environ Science Lab (ENS 2103 concurrent)
EN 2203	Intro. to Literature (EN 1103, EN 1113)	FO 3203	Forest Fire (SP-Odd)
EN 2213/2223	English Literature I or II (EN 1103, EN 1113)	FO 3003	Internship
EN 2243/2253	American Literature I or II (EN 1103, EN 1113)	FO 4343	Forest Admin. and Organization (JR) (FA-Even)
EN 2273/2283	World Literature I or II (EN 1103, EN 1113)	GG 1113	Survey of Earth Sciences I
FL 1113/1123	Language I or II	GG 1111	Earth Sciences I Lab
HI 1003	History of Science in Six Ideas	GG 3603	Intro to Oceanography
HI 1013	History of Technology in Six Objects	GG 3613	Water Resources
HI 1063/1073	Early or Modern US History	GR 3113	Conservation of Natural Resources
HI 1163/1173	World History I or II	GR 4603	Climatology (GR 1113 or GR 1123)
HI 1213/1223	Early or Modern Western World	NREC 4800	Undergraduate Research (up to 6 hrs)
HI 1313/1323	East Asian Civilizations I or II	NREC 4573	Ecology of Managed Forest
HI 4683	Europe: The First World War to Hitler	PHI 3313	Environmental Ethics
PHI 1103	Intro. to Philosophy	PHI 4143	Philosophy of Science
PHI 1113	Intro. to Logic	PSS 4314	Micro and Ecology of Soil and Lab (PSS 3303)
PHI 3023/3033	History of Western Philosophy I or II	PSS 4333	Soil Conservation (PSS 3303)
PHI 3153	Aesthetics	SO 4173	Environment and Society
REL 1103	Intro. to Religion	WFA 4383	Wetlands Ecology & Mgt (JR, WFA 3133) (FL Even)
REL 3213/3223	World Religions I or II	WFA 4623	Conservation Biology
<b>TECHNICAL WRITING ELECTIVES (3 HOURS):</b>		FO, NREC, SBP, WFA	Any course 3000 or higher
AELC 3203	Prof Writing Ag, NR, Human Sci. (JR) (EN 1103 or EN 1113)	*CFR courses not otherwise specified on our curricula may be applied through the substitution process.	
BIO 3013	Prof Writ for Biol (JR)		
EDF 3413	Writing for Thinking (EN 1103, EN 1113)		
EN 3313	Writing for the Workplace (EN 1113)		
MGT 3213	Org Communications (JR) (EN 1113)	<b>COMMUNICATION ELECTIVES</b> (MUST SATISFY MSU GENERAL EDUCATION) (3 HOURS)	
		CO 1003	Fundamentals of Public Speaking
		CO 1013	Introduction to Communication

### APPROVED SUBSTITUTIONS LIST FOR RESOURCE CONSERVATION SCIENCE CONCENTRATION

Required Courses	Approved Substitutions
AEC 2713 Intro to Food & Resource Economics	EC 2113 Macroeconomics; EC 2123 Microeconomics
EN 1103 En Composition I (ACT English subscore 17)	EN 1104 Expanded English Composition I (ACT English subscore 16 or below)
EN 1113 En Composition II (EN 1103)	EN 1173 Accelerated (ACT English subscore 28 or higher)
MA 1613 Calculus for Business	MA 1713 Calculus I
ST 2113 Intro to Stats (C in MA 1313 or MA 1213 or ACT math subscore 24)	ST 3123 Intro to Stat Inf (ACT Math subscore 24 or C in MA 1313)